OCZ Octane 1TB

SKU Live Date	**April 25, 2012**
Product Full Name/Title	**OCZ Octane 2.5" SATA III Solid State Drive**
25-Word Product Description	Octane SSDs are the world's first SSD to achieve up to a 1TB capacity in a compact 2.5 inch format.
100-Word Product Description	Octane SSDs are the world's first SSD to achieve up to a 1TB capacity in a compact 2.5 inch format. Combining high-speed data transfer rates with record-breaking access times to provide a superior user experience and improved application performance, Octane leveraging the cutting-edge Indilinx Everest platform and optimized for the complete spectrum of file types and sizes, with proprietary page mapping algorithms mirroring real world conditions across a wide range of applications. The Octane series also includes advanced features unique to Indilinx, including latency reduction technology to enhance application responsiveness and enable features such as "fast boot" in consumer applications.
Product Features	• Delivers up to 32,000 IOPS • Bandwidth up to 460 MB/s • First 1TB 2.5” solution on the market • Advanced technology to maximize endurance and lifespan • Optimized for SATA 6Gbps, unleashes the full potential of today’s leading platforms • Proprietary page mapping algorithms for superior performance across all file sizes and mixed workloads • TRIM support • AES and Automatic Encryption to secure data • Proprietary NDurance Technology to increase NAND lifespan • Optimized for Write Latency Reduction

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Specifications

Usable Capacities (IDEMA)	1TB
NAND Components	2Xnm Synchronous Mode Multi-Level Cell (MLC)
Interface	Serial ATA (SATA) 6Gb/s
Form Factor	2.5”
NAND Controller	Indilinx Everest
Dimensions (L x W x H)	99.8mm x 69.63mm x 9.3mm
MTBF	1.25 million hours
Certifications	RoHS, CE, FCC, C-Tick, VCCI, BSMI,KCC

Performance

Density	**1TB**
Max Read	460 MB/s
Max Write	330 MB/s
Random Read (4KB)	32,000 IOPS
Random Write (4KB)	24,000 IOPS

Part Number / UPC

Part Number	**IDEMA Capacity**	**UPC**
OCT1-25SAT3-1T	1TB	842024029595

Shipping Weight	125g
Unboxed Product Weight	83g
Harmonized Tariff Code	8473.30.1040
ECCN Number	5A002
Country of Origin	Taiwan
Warranty	Three Years
Additional Information	

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